

P02973US1(220-Streamlight)

PATENT APPLICATION  
Serial No. 10/667,745AMENDMENTS TO THE SPECIFICATION:

Please amend the specification to read as follows:

Paragraph at page 8, lines 12-29:

To the end of providing one or more electrical connections to housing 20, FIGURE 4 is an enlarged side cross-sectional view of a forward portion of housing 20 of the flashlight 10 of FIGURE 1. Housing 20 is preferably formed from a cylindrical aluminum tube or tube stock, such as an extruded cylindrical tube, preferably an aluminum tube having an outer diameter of about 1 cm or less, as follows. [[An]] A length of aluminum tube is cut to a length slightly longer than the axial length of housing 20 and one end thereof forward of break line 23 is roll formed, preferably cold roll formed, so as to have a slight narrowing taper, thereby forming tapered portion 24 of housing 20 having an inner diameter that is less than the inner diameter of the remainder of housing 20 proximate the forward or head end 12 thereof. A taper angle A of less than about 5° from the longitudinal center axis 21 is desirable. In fact, for an about 1 cm diameter tube, a taper of about 2° is preferred. Housing 20 is further roll formed at the head end 12 of tapered portion 24 to form a rounded forward end 26 having a narrowed-diameter opening therein that is trimmed, such as by drilling or boring, to provide circular hole 28 coaxially with housing centerline 21. The roll forming of tapered portion 24 and rounded end 26 may be performed in a single operation. Housing 20 is coated with the preferred anodized or other finish, preferably before the forming and subsequent operations.

Paragraph at page 17, line 19, through page 18, line 1:

FIGURE 10 is an exploded perspective view and FIGURE 11 is a cross-sectional view of another embodiment of a light source assembly suitable for the flashlight of FIGURES 1-4. Solid state light source assembly 100", like light source assembly 100 and 100' described above, comprises a body 120" of a dielectric material having a central cavity and having a longitudinal slot or groove 124 on an exterior surface thereof. LED light source 110 is mounted coaxially proximate a first

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PATENT APPLICATION  
Serial No. 10/667,745

end of cylindrical body 120" and has first and second electrical leads 112, 114 extending from an end thereof proximate cylindrical body 120". One electrical lead 112 of LED 110 is disposed in the central cavity of cylindrical body 120" and may extend through body 120" to provide an electrical contact 134 at the rearward end thereof. Lead 112 may be bent to be positioned in a slot or groove 125 on the rearward end of body 120". Lead 112 of LED 110 may, for example, extend through cylindrical body 120" via a connection to lead 132 of electrical device 130 within central cavity 122 of cylindrical body 120" as illustrated and the other lead 134 of electrical device 130 which projects rearwardly from cylindrical body 120" provides electrical contact 134. A second electrical lead 114 of LED 110 is disposed in longitudinal slot 124 of cylindrical body 120" to provide a contact 114 at the periphery thereof.

Paragraph at page 19, line 24, through page 20, line 6:

Although central cavity 122 of cylindrical body 120, 120', 120" need only be an axial hole (not necessarily along an axis of body 120, 120', 120" and typically not along its axis) for lead 112 of light source 110 to pass through to extend therethrough to provide a lead 134 at the rearward end thereof, cavity 122 typically has features facilitating the assembly of light source assembly 100, 100', 120". For example, central cavity 122 typically includes a larger central region in which electrical device 130 is disposed wherein a lead of device 130 extends through the rearward hole or opening 126 of body 120, 120', 120" to provide lead or contact 134. Central cavity 122 typically has a recess 123 (which is of larger diameter than the main chamber of cavity 122) at the forward end thereof for receiving a base of light source 110 and generally centering light source 110 and body 120, 120', 120", e.g., rendering them substantially co-axial. Alternatively, cavity 122 may be defined by leads 112, device [[134;]] 130, leads 132, 134, and/or the base of LED 110, e.g., where body 120, 120', 120" is molded over previously assembled elements 110, 130.